

The Carbon Chronicle

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ACME, ALBERTA, THURSDAY NOVEMBER 5th, 1953

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COMING EVENTS

Community Shower will be held for Shirley Hart, bride-elect of this month on Sat. Nov. 14th at 9 p.m.

L.O.D.E. Armistice Ball Tues. Nov. 10th in the Scout Hall. 10 p.m. to 2 a.m.

Anglican Church W.A. Annual Bazaar, Tea, Sale of Home Cooking, Novelty Table, Fish Pond will be held Sat. Nov. 21 from 3 to 6 p.m. in the Legion Hall.

Watch for dates for First Aid Classes to be started in the near future. Anyone interested please contact Mr. Myers at the School.

Canadian Legion Remembrance Day Service will be held in the Carbon Scout Hall on Wed. Nov. 11th at 10:45 a.m. Everybody welcome. Please wear a poppy. All those wishing to parade will line up at the Legion Hall at 10:30 sharp.

Congratulations go out to one of our old timers who has attained the age of 70 years, Mrs. F. Bramley who came to Carbon from England in 1911 and has resided here since.

BORN—To Mr. and Mrs. Alex Ziegler, a daughter, Gail Marie Tues. Nov. 3rd in Drumheller Hospital. Congratulations folks.

BORN—To Mr. and Mrs. Sidney (Punch) Bramley, a son Monday Nov. 2nd in Drumheller Hospital. Nice going folks and congratulations.

Mrs. Norman Nash spent a few days at Stettler at the home of her sister-in-law.

Our sympathy goes out to Mrs. J. Rempel in the loss of her mother who passed away on Tuesday at Redwater. Mrs. Rempel left on Thursday to attend the funeral at Vilna.

Mrs. D. Hunt Sr. and Mrs. Millie Poole went to Calgary.

FOR SALE—Dining Room Suite—Table and six chairs, China Cabinet. Also 2 Chesterfield Chairs.

—Apply P.O. Box 90, Phone 23, Carbon.

FLOWERS

FOR ANY OCCASION

Nash & Permann

AGENTS for TERRILLS LTD.

THE CARBON CHRONICLE

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on Thursday to take Mrs. Nadasse to the Calgary General Hospital.

Hospital patients include in Drumheller, Mrs. Van Loon, Mrs. W. Douglas, Ole Hermanson and Mrs. Hazel Nadasse in Calgary General Hospital.

GEORGE C. GRAINGER

George Chamberlain Grainger, 78 of Carbon, died in the Drumheller Municipal Hospital Tuesday morning following a brief illness.

Born in Worcester, England he came to what is known as Grainger in 1901 where he homesteaded and farmed with his brother and father. In 1947 he moved to Carbon where he has since resided. He was a veteran of the Boer War.

Predeceased by his wife Mary M. in 1950, he is survived by one daughter, Mrs. Mildred Cody of Winnipeg; two sons, George of Regina and Frank of Carbon; and four grandchildren.

Services will be held at Leyden's Chapel of Remembrance

Saturday at 1:30 p.m. Rev. J. G. Roberts will officiate. Interment will be in Queen's Park Cemetery.

GAMBLE NEWS

By Mrs. A. Sigmund

Mr. and Mrs. Art Sigmund and Mr. and Mrs. Dick Garrett were at Olds on Tuesday. They took Carolyn who is going to attend the Olds School of Agriculture. They also visited Mr. and Mrs. Ed Sigmund at Wimborne.

We were sorry to see Mr. and Mrs. John Wood and family leave the district for the winter months.

Mr. and Mrs. Dick Garrett are leaving to take up residence in Calgary.

The Gamble Ladies Aid held their regular meeting at the Church, the hostess being Mrs. Matt Kary.

Continued on page eight

U.F.A. CO-OP PRESIDENT ANNOUNCES \$700.00 IN PRIZES FOR F.U.A. DISTRICTS

MR. GEORGE E. CHURCH, PRESIDENT OF U.F.A. CO-OP HAS ANNOUNCED DETAILS OF THE U.F.A. CO-OP CASH AWARDS FOR FARMERS' UNION MEMBERSHIP WEEK—NOVEMBER 9—14. \$700.00 IN PRIZES WILL BE SHARED BY THE 4 F.U.A. DISTRICTS WHICH SHOW THE LARGEST PERCENTAGE SIGN-UP OF FARMERS IN THE DISTRICT.

FOR EXAMPLE A DISTRICT WITH 6,000 RESIDENT FARMERS MIGHT SIGN UP 3,000 OF THEM AS F.U.A. MEMBERS. THIS WOULD BE 50%. ANOTHER DISTRICT WITH 4,000 FARMERS MIGHT SIGN UP 3,000 OF THEM FOR 75%. THE 4 DISTRICTS WITH THE HIGHEST PERCENTAGE SHARE IN THE CASH AWARDS. PRIZE MONEY WILL BE PRESENTED AT THE F.U.A. ANNUAL CONVENTION IN DECEMBER. DISTRICTS WHICH WIN MAY USE THE PRIZE MONEY FOR ANY PURPOSE THEY CHOOSE.

IN ANNOUNCING THE CASH PRIZE PROGRAM, MR. CHURCH SAID HE FELT IT WAS VITAL TO THE WELFARE OF ALBERTA FARMERS THAT AN ENTHUSIASTIC SIGN-UP BE MADE WHEN CANVASSERS CALL DURING THE WEEK. HE EXPRESSED OPTIMISM THAT THE FARMERS OF ALBERTA WOULD RALLY TO THE SUPPORT OF THEIR UNION. MR. CHURCH URGED ALL FARMERS, PARTICULARLY MEMBERS OF THE U.F.A. CO-OP TO TAKE AN ACTIVE PART IN F.U.A. WEEK.

IN CONCLUDING HIS ANNOUNCEMENT MR. CHURCH SAID "JOIN THE FARMERS UNION. GET YOUR NEIGHBORS TO JOIN. VOLUNTEER AS A CANVASSER. MAKE YOUR DISTRICT A WINNER."

TOMMY'S DOLLAR

Tommy is saving up for a bike. Dollar by dollar, week by week, his bank account is growing... bringing the Big Day nearer.

But meanwhile, Tommy's dollars are serving a second useful purpose.

Bank credit is based on the dollars Canadians keep in 11 million deposit accounts in the chartered banks—and Tommy's account is one of them. Bank loans are constantly being made to meet the needs of business and personal borrowers in all parts of Canada.

So every time you make a deposit you are—like Tommy—building toward something worthwhile for yourself, and at the same time keeping your dollars at work for the benefit of all.

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A NEW BUSINESS AND SERVICE now available in Saskatchewan. Prairie Drum Reconditioning Ltd. now operating at 125 Dewdney Avenue East, Regina. Buying, selling and reconditioning steel drums, wooden barrels, etc. Write us Box 611, Regina, for more particulars.

PICKLING BARRELS: 12 GAL. SYR-up barrel \$1.50; 25 gal. oak barrel \$6.00; 45 gal. oak barrel \$5.50. Also steel drums, oil tanks, drum-culverts, etc. Open water drums \$3.75. Enclose money order. Write for price list Manitoba Barrel & Drum Co., 391 Dufferin Ave., Winnipeg, or P.O. Box 611, Regina, Sask.

DOES YOUR CISTERN LEAK? Send inside measurements for price waterproof plastic liner. Also any cover made to measure. Box K, Melita, Man.

PERSONAL

PROTECT YOUR DAIRY HERD against Mastitis. Use Penstreptocin infusion ointment, the most effective treatment. \$9.00 per dozen prepaid. Pepper's Drug Store, 2020 11th Ave., Regina, Sask.

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AWNINGS "SEE THROUGH" VENTED Aluminum—Roll-up, fold up — or Fibreglass. At reasonable prices. Write BILT RITE Products, 311 3rd Avenue South, Saskatoon, Phone CH 2-2225 or CH 2-3395.

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TWO BEDROOM, ONE YEAR OLD house, large living room, kitchen, utility room and bathroom, gas heating, close to stores, schools, churches, transportation and cannery. Price \$10,000.00. Cash \$7,500.00. Box 411, Clearbrook, B.C.

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GUINEA PIGS, ALL COLORS, ALL ages, Homing pigeons, whites, barless, silvers, others. E. T. Schoenke, Sturgis, Sask.

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REGISTERED SHORTHORN, HERFORD Bulls, Suffolk, Hampshire, Southdown, Cheviot Rams, Bwes, Landrace Swine, Good Stock Farm, Used Machinery. Will take grain or what have you. Can deliver. William Runte, Wetaskiwin, Alberta.

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PHOTO FINISHING

FARMERS STUDIO, DEPT. A, SASKATCHEWAN. Dated 1940. Prints, 8 exposure roll 39c. 12 exposure roll 59c. Reprints 5c. Satisfaction Guaranteed. Mail your black and white and color film to Farmers.

MUSIC AND SUPPLIES

BUY WHOLESALE: BLACK DIAMOND Guitar strings, set \$1.60. Wound Violin Strings, set \$1. All instruments. Write requirements. Music Imports, Box 1151, Vernon, B.C.

POULTRY, EGGS WANTED

FRESH EGGS

Grade AL 36c Grade B 14c
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BUSINESS OPPORTUNITIES

IMPERIAL REVIEW FOR SALE

Failing health has forced Bill Nelson to offer his newspaper and printing plant for sale. Bill has earned a comfortable living and paid for the business since being discharged from the army after the 1st war. Major equipment consists of a Model No 11 Linotype, a 6 column 2 page cylinder Press, 10 x 15 Gordon Press, Hammond Precision Saw, Castor for about 8 x 11 mats, 18" hand Gutter, Perforator, good assortment of Type, modest office furniture and the usual complement of stones, type racks, slug cutter, sticks, etc. The frame building about 14 x 30 is also for sale. Apply—IMPERIAL REVIEW, Imperial, Sask.

FOR SALE—IMPERIAL OIL. Service station and garage, 12 miles from damsite. Good crop district. Reasonable for cash. Poor health, reason for selling. E. Greig, Glenside, Sask.

WILL SELL OR TAKE PARTNER who would take over management of Ortona Hall, Smoky Lake, Alta. Living quarters in building. For details write Box 676, Vegreville, Alberta.

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DRIVE WITH CARE—THE LIFE YOU SAVE MAY BE YOUR OWN

Man. children learn by air

Discover how to write a story. Learn a new song to sing. Listen to stories of by-gone days. Acquire a deeper understanding of classical music. Understand the ways of wild animals. Express ideas and re-actions by creative art.

These are a few of the many interesting things which Manitoba school children will be encouraged to do in the series of school broadcasts beginning soon. The Monday-to-Thursday radio programs are organized by the provincial department of education, under the direction of Miss Gertrude McCance, to correlate closely with provincial courses of study and are presented through co-operation of the CBC.

Hon. Stewart E. McLean, minister of education, said that on Friday of each week Manitoba will join with every other province in the national school broadcasts. These are especially planned to

AGENTS WANTED

AGENTS, MERCHANTS, START earning immediate profits introducing Lord's Prayer Ball Pen. Terrific seller. Ideal gift item. Sample \$1.25. Details free. Dan Koss, Mundare, Alberta.

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CANADIAN HOMESTEADS — NON-residents also file age 18. Crown land 50c acre up. For information send \$1 to Frontier Surveys, Box 246, Vanderhoof, B.C.

MOTELS — HOTELS

WHEN IN CALGARY STAY AT Mount Eisenhower Motor Court on Trans-Canada Highway at 2227 Banff Trail. 24 newly furnished sleeping and housekeeping units. Reasonable rates. Write for free Calgary map.

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CULVERTS

INEXPENSIVE. MONEY - SAVING DRUM-CULVERTS only \$1.35 per foot; 22" diameter 16 gauge now available. F.O.B. Regina. Manitoba Barrel and Drum Co., 384 Dufferin Avenue, Winnipeg, or Box 641, Regina.

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INCORPORATED CITY

In British Columbia a municipality may become an incorporated city if it has 100 male residents; in the four Atlantic provinces there is no minimum population requirement; in Ontario a city must have at least 15,000 population.

develop good citizenship and a healthy awareness of their country in young Canadians.

In releasing details of the programs to be heard during the next three months, Mr. McLean announced that a special history broadcast is scheduled for September 18th, entitled "Battle of the Plains". This will be a 30-minute program to commemorate the 200th anniversary of the capture of Quebec. The regular programs will get under way on September 30th.

Sir J. M. Brocklebank elected chairman

At their meeting in Liverpool on September 16 the directors of the Cunard Steam-Ship Company Limited and of the Cunard White Star Limited elected Sir John M. Brocklebank Bart., chairman of the boards of the two companies in succession to the late Col. Denis H. Bates, M.C., T.D.

A son of the late Sir Aubrey Brocklebank, a former chairman of Thos. and Jno. Brocklebank Limited and a former director of the Cunard Steam-Ship Company Limited, Sir John Montague Brocklebank was born in 1915 and educated at Eton and Cambridge. He joined the board of Cunard in 1951 and was elected a deputy chairman in 1953.

DRIVE WITH COURTESY

A Story of Progress

THE CREDIT UNION WAY

A Credit Union is an organization of people with a common bond of association — designed to provide its members with thrift and loan service — for provident and productive purposes at cost.

THURSDAY, OCTOBER 15th IS CREDIT UNION DAY

Saskatchewan's first credit union was organized August 2, 1937. In that year 268 members had assets of \$2,236 or an average of about \$8.35 per member. In 1959 there were over 110,000 members with assets of \$65,000,000 or an average of \$590.00 per member.

The 276 Credit Unions in the province serve a number of different groups. Here is a breakdown of the types:

226 Rural Community	13 Government
11 Commercial	9 Parochial
6 Co-operatives	6 Regional
2 Transit employees	2 Professional

Credit Unions are organizations of people saving together and lending to each other at a low rate of interest, for good purposes.

FACTS YOU SHOULD KNOW ABOUT CREDIT UNIONS

- There are over 25,000 credit unions in the world. There are over 12,000,000 members and over 5 Billion Dollars in assets.
- In Canada there are over 5,000 credit unions with 1,900,000 members and \$800,000,000 in assets.
- One out of every nine Canadians belongs to a credit union.
- Over 95,000 people belong to 280 credit unions in Saskatchewan.
- Assets of Saskatchewan Credit Unions total \$50,000,000.
- Credit Unions are endorsed by the leaders and great social thinkers of our time.

OCTOBER 11th - 17th International Credit Union Week

BECOME A CREDIT UNION MEMBER NOW!

- If your community, parish or employee group has no credit union — then investigate the possibility of organizing one.
- They provide many benefits, among which are:
 1. Ownership and control.
 2. Participation in net savings.
 3. Social benefits—includes development of understanding.
 4. Development of leaders and better citizens.
 5. Convenient place to save.
 6. Loans for good purposes at low interest rates.
- Use your credit union for all of your financial requirements.

CREDIT UNION GROWTH IN SASKATCHEWAN

YEAR	MEMBERS	ASSETS
1937	268	\$ 2,236
1940	4,481	130,317
1944	20,988	2,449,851
1948	38,895	8,344,522
1952	59,784	21,404,543
1956	86,036	38,646,038
1958	103,289	56,450,159
1959	110,000	65,000,000

CREDIT UNION LEAGUE

OF SASKATCHEWAN

306 CO-OP BLOCK,

REGINA

A gala dessert: Pineapple Whipped Cream Roll



Measure into sifter
1/2 c. once-sifted all-purpose flour
or 3/4 c. once-sifted pastry flour
1 tsp. Magic Baking Powder
1/4 tsp. salt
Beat until thick and light
3 eggs

Gradually beat in
1 c. granulated sugar
Stir in
1 tsp. grated orange rind
1/2 c. orange juice

Sift in dry ingredients, part at a time, fold lightly. Turn into greased jelly roll pan lined with greased waxed paper. Bake at 375°, 15 mins. Sprinkle towel with fruit sugar. Turn out hot cake on towel; peel off paper, trim edges; roll up in towel. Cool.



Prepare 1/2 c. drained canned crushed pineapple, 1/4 c. toasted coconut, 1 tbsp. chopped maraschino cherries. Soften 1 1/2 tsp. gelatine in 1 tbsp. water; melt over hot water. Cool. Beat 1/2 pint whipping cream until thick; add gelatine; beat until stiff. Beat in 2 tbsps. granulated sugar.

Add 1/4 tsp. vanilla or rum flavoring, 1/4 tsp. grated orange rind, prepared fruits, coconut. Unroll cake, spread with filling; re-roll. Chill several hours or overnight. Yield: 8 to 10 slices.



For finest baking results use Magic.





Prof. Shepherd showing High School students the intensity recorders used to get direction and brightness of northern lights. —U. of S. photo.

Research in physics, chemistry at University of Saskatchewan

By DR. T. THORVALDSON,

Dean Emeritus of Graduate Studies, University of Saskatchewan

The First Twenty-five Years

The teaching of Physics and Chemistry at the University began in 1910. Provision was at once made for Honours Courses demanding the highest standards of basic scientific training. The graduates normally continued with research for the Master's, the highest degree offered by the University, and the great majority then proceeded to take the Doctorate at universities in Eastern Canada, the United States or Europe. Research at the University during this period was based mainly on the experimental work of the Master's candidates under the direction and with active participation of the members of the staff. Perhaps the greatest contribution of these two departments of the University to research during this period was the training of this group of young people who soon were to establish for themselves and for their Alma Mater, an outstanding reputation in Education, Research and Industry. The achievements in research might be considered as incidental. Perhaps it is therefore worthwhile to consider briefly the careers of these two groups of Honours graduates.

During the first 25 years, 80 students of Chemistry and 36 students of Physics graduated in Honours courses or the equivalent. On a percentage basis, the later careers of these two groups are so similar that the 116 graduates will be considered as one group. Ninety percent earned a second degree after graduation, more than 80 individuals (70 percent) receiving the Ph.D. from 24 of the foremost universities in Canada, the United States and England. Without exception they were able to finance their graduate studies by winning competitive scholarships or teaching assistantships at these institutions. This was due to the high reputation which the early graduates of Saskatchewan gained, and which their successors have maintained to this day.

What evidence is there of the real quality of these graduates? It is known that universities choose their teachers of professorial rank with great care, and the selection is made by experts. Yet of the group which won the Ph.D. degree, more than one-half were appointed professors at 24 Canadian and American universities, and more than one-third of these professors attained the rank of Head of their Department or Dean of their College (15 at 13 different universities and colleges), a striking testimony of their high quality.

What of the Honours graduates who took research and technical posts in government laboratories or industry? Here the story is repeated. An overwhelming majority have advanced to senior posts of great responsibility in their organizations. On reading the list one finds that the titles are varied: Chief Chemists, Chief Physicists, Directors of Research, Heads of Research Laboratories or Research Centres, Technical Directors or Directors of Technical Services, Divisional Heads, Directors of Industrial Development, Plant Managers or Superintendents, General Managers, Divisional Chiefs, Supervisors

of Operations and even several Vice-Presidents of companies of national scope in charge of operations over the whole of Canada. Some have organized their own companies or consulting firms.

As by far the greater number of these students graduated during the last 10 years of the period, their influence on the development of Canada will continue to grow with the years.

The Second Twenty-five Years

These departments have continued to train Honours students, but at an accelerated pace. The University is now offering courses for the Ph.D. degree, the first being granted in 1952. Since that time 43 Ph.D. degrees have been awarded by the University of which 18 were in Physics and eight in Chemistry. The fine facilities available for work in radiation physics and chemistry, the use of isotopes in scientific research and particularly the unique opportunities for research in upper atmospheric physics have attracted many graduate students to the University.

What part have the Departments of Physics and Chemistry at the University of Saskatchewan played in scientific research in the Western world during the last 25 years? The record shows that they have done pioneer work in some of the most active fields of research. In many cases this work has received recognition as being among the best done anywhere in the world. There is space to mention only a few of the more spectacular examples. Other research work being done by the staffs of these departments may prove, in the long run, to be of no less importance.

The Use of Radiation in the Treatment of Disease

From the early days of the University, the Physics Department has been interested in the application of physics to medicine. When the Saskatchewan Cancer Commission established the first radon plant in Western Canada in 1932, this was built by the late Dr. E. L. Harrington, Head of the Department of Physics, and operated under his supervision. Later Professor H. E. Johns took charge of the plant. He designed and developed the first Cobalt-60 unit used in radiation treatment of cancer. But before this was ready, a 25 million volt betatron, the only one in Canada, had been added to the equipment of the Department. These two instruments were the first of their kind to be used in cancer therapy anywhere in the world. As a result, the physicians at the University Medical Centre in Saskatoon, with the co-operation of the Physics Department, had at hand, a greater range of X-radiation energy for medical purposes than was available anywhere else. Much successful pioneer work was done in the control of cancer by radiation, and many new methods and devices for use in such work were developed by Dr. Johns, his co-workers and students. Cobalt-60 units made in Canada are now used all over the world. A by-product was the training of physicists to serve as radiologists in cancer clinics.

Fundamental Radiation Research

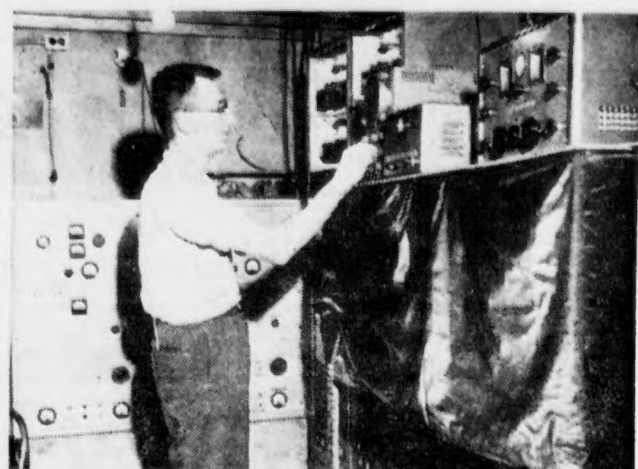
The betatron and the Cobalt-60

unit were also of great use for basic studies in nuclear physics and in radiation physics and chemistry. They were also available for studying the basic effects of radiation on biological systems. This led to intense research activity in these fields of study at the University. The major work in physics was done under the leadership of Professors Haslam and Katz, with the assistance of graduate students. Knowledge of photonuclear processes and nuclear structure was advanced. New isotopes have been discovered and physical constants of these and of other known isotopes have been determined. Many new experimental procedures, auxiliary experimental devices and instruments have been developed.

The betatron and a radium-beryllium source acquired by the Department of Chemistry have been used by Professor Spinks and McCallum and their students in studies in radiation of "hot-atom" chemistry. These have included mechanisms of exchange reactions, dosimetry, chemical kinetics and chemical effects accompanying nuclear reactions. Dr. Spinks has also collaborated with the physicists on the fission of Uranium-238 by high energy photons. Facilities recently acquired include a 90 curie Cobalt-60 source and electron paramagnetic resonance equipment.

The Use of Isotopes in Agricultural Research

The team-work of the basic science departments and the College of Agriculture has always been a feature at the University of Saskatchewan. A recent example is the co-operation of Dr. J. W. T. Spinks of the Department of Chemistry with many other departments in solving problems by the use of radioactive isotopes. The initial effort was the pioneering study of the utilization by wheat plants of phosphate fertilizers, carried on jointly with the late Professor John Mitchell and his group of soil scientists. The results obtained are of value to Saskatchewan agriculture as they indicate the most efficient methods of applying fertilizers for maximum response. Methods and techniques for such studies were also developed. These are now being used not only in Canada, but on an enormous scale in the United States and elsewhere.



International Geophysical Year—Auroral Radar looking for radio reflections from northern lights.

Many other co-operative studies followed in quick succession: lethal limits of radiation of plants, with Biology; mutations in plants and insects, with Biology, Field Husbandry and the federal department of agriculture; dispersal studies on blackflies, mosquitoes and grasshoppers with the department of agriculture; the habits of cutworms and wireworms, including automatic plotting of their travels in the soil, with a view to finding methods of preventing damage to crops, with the Entomology branch of the Federal department of agriculture; neutron measurement of soil moisture, with Civil Engineering; Cobalt deficiency in sheep, with Animal Husbandry; Calcium and Phosphorus metabolism in the laying hen, with Poultry Husbandry; studies on dicoumarol as an anti-blood-clotting agent and on vitamins K1 and K3, with Physiology. The use of radioactive isotopes as tracers provides a new tool for attacking problems which cannot be solved by previously known methods.

Dr. Spinks and members of the Department of Chemistry and their students have also used isotopes in connection with many other basic and applied research studies, such as: isotope exchange reactions, diffusion, surface phenomena in growing crystals, hydration of slightly soluble substances, the recovery of Uranium from low-grade Saskatchewan ores, problems in cereal chemistry, the uptake of radioactive fallout and the distribution and accumulation of dangerous Strontium-90 in Saskatchewan crops. Reports on many of these have been presented by Dr. Spinks at the two Geneva Conferences on Peaceful Uses of Atomic Energy where he was one of the Canadian representatives.

Professor McCallum of the Department of Chemistry, who became Head of the Department July 1, 1959, operated since 1952, equipment for Carbon-14 dating of archaeological specimens, the only such unit available in Canada. He is also doing tritium dating in connection with a survey of the water supplies of the Province which is being made by the Saskatchewan Research Council.

Upper Atmospheric Investigations in the Department of Physics

The University of Saskatchewan is very favorably located for auroral studies. The Department of Physics has taken full advantage of this for basic research on phenomena connected with auroral displays and spectral emissions from the twilight and night glows. These studies have reached a climax during the Third Interna-

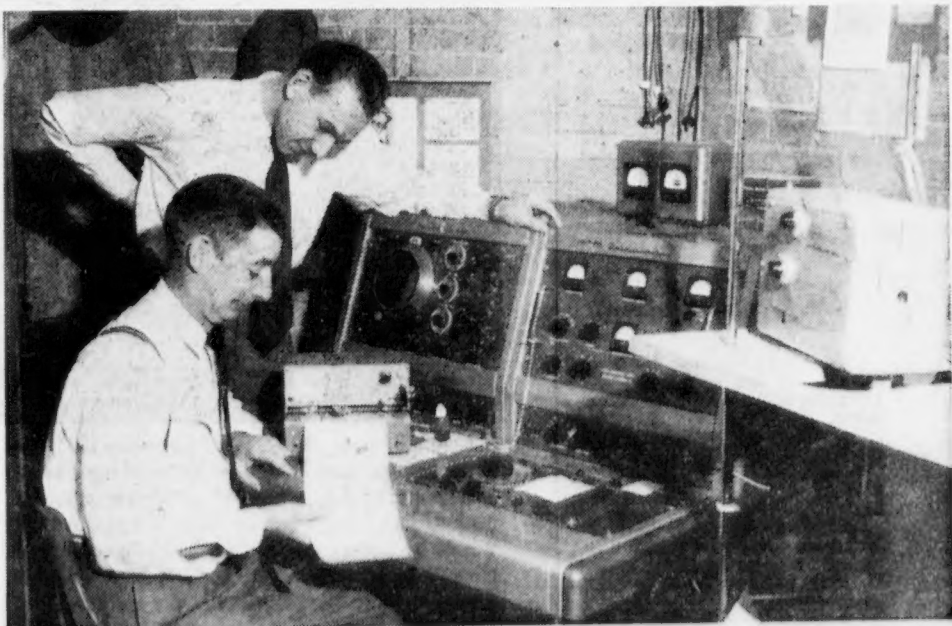
tional Geophysical Year (I.G.Y.).

This development in the Department of Physics has a long history behind it. Dr. Thomas Alty was appointed to the staff in 1925. One of his first graduate students was Balfour W. Currie, now Head of the Department. Professor Alty initiated measurements on the heights of auroral displays by taking photographs simultaneously at two locations (Saskatoon and Humboldt). After receiving the doctorate from McGill, Dr. Currie joined the staff in 1929 and in 1932 obtained leave of absence to take part in the Second I.G.Y. He spent 13 months as a member of the Canadian Party at Chesterfield Inlet, making observations on meteorology, geomagnetism, earth currents and aurora. Subsequently the Department of Physics became a very active research centre on the aurora.

After the second war knowledge of the effects of auroral displays on radio communications, radar reception and control of long range missiles became of the utmost national and international importance, and the research staff was greatly extended. The preparations for the Canadian Programme for the Third I.G.Y. placed additional responsibilities on Dr. Currie and his co-workers. The culmination was the organization in 1957 of a Canadian Institute of Atmospheric Physics at the University with Dr. Currie as Director.

Investigations, by means of radar, of the reflection of radio waves by the aurora has been pioneered by Dr. Currie and his group of workers with important results in connection with radio reception and the control of long range missiles. The studies on the aurora have resulted in a large number of scientific papers and have led to the development of important scientific equipment, which has in some cases revolutionized methods of study, such as a rapid photoelectric spectrograph, an auroral intensity recorder and an all-sky auroral camera. These are used widely at other stations. As member of the Canadian I.G.Y. Committee, Dr. Currie has represented Canada at meeting at The Hague, Brussels, Rio de Janeiro and Moscow. Through his initiative there is now assembled in the Physics Department the most efficient and extensive equipment yet made available at any laboratory devoted to auroral and related studies.

The harbors of northern Norway, warmed by the Gulf Stream's northern drift, are ice-free throughout the year.



Electron Paramagnetic Resonance unit in Chemistry Building, University of Saskatchewan, Saskatoon—detecting and measuring free radicals produced by radiation.

Canadian Weekly Features

Uniforms help tourists find forest rangers

Forestry officials and camp ground attendants in the Whiteshell Forest Reserve will soon be readily discernible to the public who may want information or advice.

Hon. C. H. Witney, Minister of Mines and Natural Resources, said that special uniforms have been designed and issued to government forestry personnel at all resorts in the Whiteshell. It is hoped that by outfitting these men in special uniforms it will make it easier for the travelling public to find them in case they have queries to be answered.

Mr. Witney said the forest rangers and camp ground attendants are anxious to be of help to campers and cottage owners at any of the resorts. By wearing uniforms these men will be easily recognized and will be able to assist the public even more than at present, he said.

The forest service plans to outfit all its rangers and camp attendants in uniforms in the future, with special attention paid first to those who come into daily contact with campers and picnickers.

The forest rangers' uniforms are of olive-drab whipcord with large identification shoulder flashes. Those of camp ground attendants consist of a mocha-colored shirt with yellow identification patches and a cap of the same color, with black peak and yellow braided cord.

Uncle Jimmy came to visit, and before he left he gave his nephew Tom five dollars. "Now you be careful with that money, Tom," he said. "Remember that a fool and his money are soon parted."

"Yes, I know," said Tom politely. "But I want to thank you for parting with it just the same."

Teacher's Pet PRINTED PATTERN



4747 SIZES
2-10

by Anne Adams

The shirtdress — fall's top fashion for big and little girls. Daughter will love the convertible collar, roll-up sleeves and wide, wide skirt. Easy-to-sew and smart for school.

Printed Pattern 4747: Children's Sizes 2, 4, 6, 8, 10. Size 6 takes 2½ yards 39-inch.

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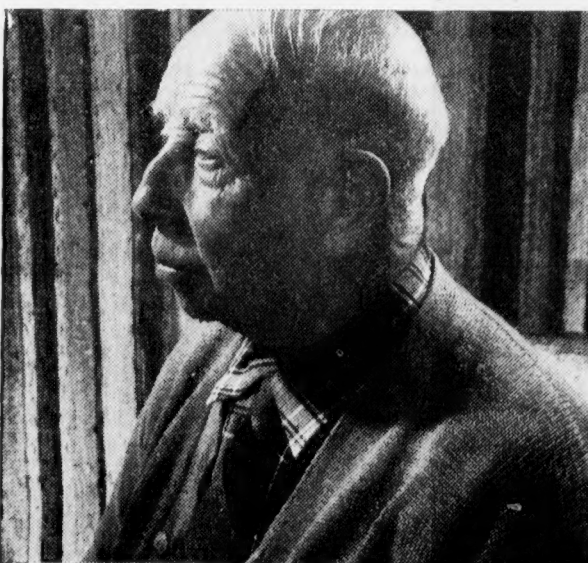
Landscape Artist A. Y. Jackson

Explorer of the Canadian Scene



Veteran painter A. Y. Jackson has been an experimenter, inspiration and creative force in the Canadian art world for well over half a century. One of the originals of the now famous "Group of Seven", Jackson from the first firmly believed that if painters were to capture the spirit and shape of the vast expanse that was Canada they would have to break with European traditions and develop a style in keeping with the bold outline and vivid colouring of the vigorous young country. In the course of his long and productive career Jackson has lived to see his work, once bitterly attacked by critics and public alike, reach the pinnacle of critical acclaim and public acceptance. He has travelled and sketched in every region of the country with the vigorous zest of an explorer and the fresh, keen vision of a creative artist. He has taken his themes generally from

the pioneer and wilderness fringes of Canada: the colourful habitation towns of rural Quebec, sparkling lakes of the Algoma district of Ontario, fur-trading posts of Baffin Land, broad sweeps of prairie and valleys of the Rockies. If he took liberties in setting down what he saw, it was always to make it more meaningful, to bring form into the chaotic wilderness of Canada's northland or to breathe new life into the peaceful beauty of the Canadian countryside. His work is known and admired by countless thousands of his fellow countrymen who recall his paintings of wind-lashed pines, rock-encircled lakes, turbulent rivers and snow-covered, rolling hills as authentic symbols of the Canadian scene. The big, unknown country the poets wrote about has been captured by Jackson's bold brush strokes with never-to-be forgotten vividness and grandeur.

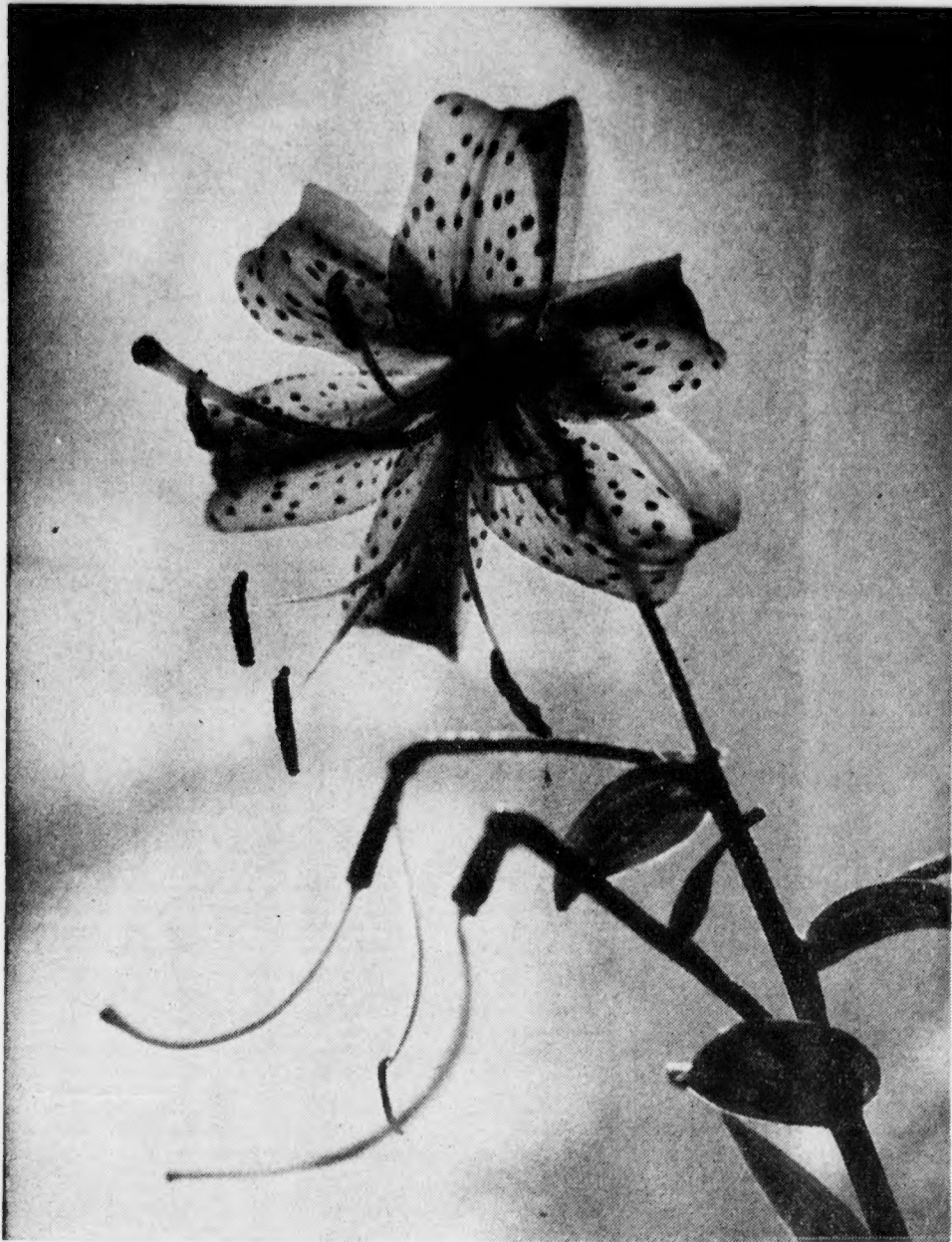


Jackson, 77-year old Dean of Canadian landscape painters became interested in art while working for a Montreal lithographing firm, attended art classes at night. Later he studied in Chicago before going abroad to paint in 1907 where he was exposed to the brilliant colours and revolutionary techniques of the French Impressionists. Angrily denounced for his radicalism in the early days of his painting career, Jackson has lived to be honored as "one of the few great creative figures this country has produced".



Jackson's first canvases were made at Sweetsburg, Que. Old weathered barns, snake fences and late winter snow melting into mud-brown furrowed fields attracted him to the picturesque towns of the lower St. Lawrence. In his studio at Manotick, Ont., where he settled on leaving the Studio Building in Toronto, Jackson shows an enchanted audience the snowshoes he wore on hikes through the Quebec countryside where he was called *Père Raquette* — "Father Snowshoes".

(The Advance, Melville, Sask.)



SUMMER BLOSSOMS



Diary of a Vagabond

BY DOROTHY BARKER

The Ferguson and Murphy blood that runs in the veins of Evelyn Murphy is a fine heritage. She attributes her delightful sense of humour to the fact that she "chose" the right parents. Daughter of the renowned Emily Murphy, nee Ferguson, and Arthur Murphy, a reverend gentleman, Evelyn is the only surviving member of this distinguished western Canadian family.

Though the Reverend Arthur Murphy will be remembered by members of several generations for his wit, loving and understanding nature and great physical stamina, it was Evelyn Murphy's mother who played a part in moulding Canadian history. She has been immortalized in the commemoration of "The Emily Murphy Recreation Park" situated on the banks of the Saskatchewan River, which winds through the City of Edmonton.

When I was a child living in Calgary, Alberta, my mother was a member of the Canadian Women's Press Club and a contemporary of the prominent press women of the day such as Mrs. Murphy, Cora Hind, Nellie McClung and Miriam Green Ellis, to name a few. She wrote reams about their prowess as writers, but more often about the struggle for women's suffrage and the fight for the recognition of women as "persons." This was a crusade headed by Mrs. Murphy until women were granted the right to sit in the Senate as members. Her daughter says that her mother would be shocked and provoked at the present apathy of women voters, for it was Emily Murphy, supported by a committee of dedicated women, who was responsible for women being enfranchised in Alberta.

Before I tell you about my delightful experience in meeting Evelyn Murphy at a luncheon in

Ottawa, when delegates to the triennial meeting of the Canadian Women's Press Club were the guests of the Canadian National Railways, let me remind you that her mother, Emily Murphy, was the first woman magistrate in the British Empire. She was also the author of "The Black Candle," an early expose of the drug traffic. As its creator, she chose the now famous pseudonym "Janey Canuck." She was later made a judge and became a great moulder of character and opinion in western Canada.

Her daughter, Evelyn, is a red headed person with the merriest blue eyes and a soft Irish inflection in her voice. She is a big, jolly, middle-aged woman who loves life and whom everyone who meets her, instinctively admires. Mostly, her friends admit, for her attitude toward every day living and what she seems to gain in a peaceful and grateful frame of mind from her love of gardening and her hobby of collecting rare antiques.

Being a colorful sort of person herself, it is easy to understand why she abhors the decor of "modern" homes. Especially the monotonous which are presently so fashionable. "They remind me of oatmeal porridge wall to wall," she remarked. This was during her discourse about her own home, which I inquired about. She spoke of her treasure trove of old Rockingham china, the Venetian glass horses she picked up in the Flea market in Paris and of her rare pieces of old silver. But it was when she told me about her Chinese bedroom and the suite of red, gold and black lacquer furniture, that her wonderful sense of humor really shone. It appears there are four pudgy little Chinese women who adorn the four posts of the huge bed—"all of them pregnant," she said—which reveals part of her charm, the abil-

Shot-crippled ducks are wasted ducks

This year, every single duck is an important one.

Drought conditions seriously reduced the breeding area for ducks. Generally over the prairies there are fewer ducks than in previous years. This means that after the hunting season there will be still fewer ducks left to reproduce next spring and summer. Next year's duck population will be determined to some extent by the number killed by hunters this fall.

United States wildlife management people estimate that for every four ducks in the hunter's bag he has shot at least five or six and even seven birds. The other two or three ducks were either killed and not found or wounded and not retrieved. These birds have been wasted. They do not do the hunter any good and they are not available for reproduction next year.

It is estimated that in Manitoba last year 332,000 ducks were shot and retrieved by hunters in the fall season. It is possible that another 166,000 ducks were killed or wounded and left to rot or die in the marshes and on the stubble fields.

On this basis a million ducks are wasted in Canada as a whole each year.

ity to poke fun at her spinster self.

Though our interview was an hilarious one, I realized that this heather-suited, low-heeled individualist, with her precious antique earrings bobbing with every word she said, is a serious and deeply religious thinker. She has been a member of the CWPC for 43 years and her newspaper experience lasted for a quarter of a century as a staff member of the Edmonton Bulletin. One of her more recent creative efforts is an article on "Saying Grace." She has also had several articles published in Vancouver.

When asked to choose a brief excerpt from her mother's writing to be inscribed on the bronze tablet in the new memorial park at Edmonton, Evelyn Murphy decided on this one: "The west hath no need of an interpreter, it only hath need of heralds." World traveller that she is, the west could have no better herald than Evelyn Murphy.

Editorials

from

Canadian Weekly Newspapers

(These are not necessarily the views of the editor of this paper)

Democracy in action

Credit Unions are democracy in action — an outstanding example of what free and independent people can do when they work together.

Millions of credit union members, united to provide for their own economic security, are a sure safeguard of democracy. They want no part of totalitarianism because day after day they are enjoying the fruits of democratic action through their credit unions.

Credit unions are free enterprise in the best sense of the term. They are owned and operated by their membership. They are thoroughly democratic in control: the members elect their own officers and committeemen from their own number.

Communism lures people by promises of complete economic security, and to accomplish this, would put all control in the hands of the state. Credit union members are not taken in by these promises, because they know by personal experience that they can solve their own economic problems by working together. They have tasted the satisfaction of running their own business, of managing their finances, and of making their own decisions. They are not willing to sell their inheritance of freedom for a mess of pottage.

Communism breaks down people's confidence in their ability to handle their own affairs, until the individual, convinced that he is helpless, and seeking protection, surrenders his freedom of action to the state.

Credit unions, on the other hand, build self confidence, independence, responsibility, leadership and respect for the rights of others — the qualities we need to preserve our way of life. They help the individual to stand on his own two feet, to face up to his problems and solve them.

Throughout North America in offices, factories, churches, clubs, schools, stores — in country towns and crowded cities, you will find credit union members, thirteen million strong, united by their daily practice of democracy into a solid bulwark against totalitarianism.

Credit union people feel a deep obligation to share the benefits they enjoy with their fellowmen throughout the world. They are deeply convinced that through the credit union idea, men can learn to work together to solve their problems in the democratic way, and thus find the key to mutual understanding and world peace.

★ ★ ★

Guest editorial

(The Progress, Qu'Appelle, Sask.)

In this seemingly materialistic age in which we live it is well to pause now and again to reassess our sense of values. Are we stressing the things that are really important to a full and satisfactory life, or are we passing up the important, and paying stress on the things that are of transient and lesser value? It is well to take thought of such questions.

There are too many of us, maybe, who value money too highly, and the things that money can give us. If our lives were bereft of all things except these, what an empty existence it would be! We can come into this world owning nothing of materialistic worth, but we are equipped with ability which can be developed to enjoy much that has no money value attached.

No finer gift has been bestowed on us than the gift of sight. Where is there anything that money can buy that will give us a deeper satisfaction and happiness than to view a beautiful sunset, or a shimmering lake set against a background of trees, or a waving field of grain, or anything that is part of nature? It is true that many of us never take time to stop and really appreciate such things. We are so busy accumulating the materialistic we fail to take what is ours for the asking.

The beauty of sound surrounds us, but so often we turn a deaf ear to it. The warmth in the voice of a friend, the laughter of children, the song of a bird, the whisper of a wind through the trees, the cadence of music, all add to the happiness of living. There are those who would scoff at the idea, but such things have only to be removed to prove their value.

Then there is the affection and regard that can make or mar a life. Do we truly appreciate the value of such whether it comes from parents, teacher, friend or life mate? To see the result of the lack of love and appreciation in a life should make us more appreciative of having had them in our own. It should, but does it?

Is money and its attributes more important to us than health? Was it Carnegie who said that he would willingly give up all the money he owned for a good stomach? We have only to lose a measure of health to make us realize how important it is.

Then there are those of us who are so busy with the things of the world that we have put religion aside. The one who does this has really lost his sense of values. What should be the foundation of a complete and fully satisfactory life has been removed, and the structure of life resting on an insecure foundation will crumble into ruin and nothingness.

Does the reader agree that it is well worthwhile to stop now and then to reflect on whether or not we are giving due and rightful consideration to what is important to a really satisfying and happy life? It is a question worth pondering.

Army survival exercise at Pinawa

Stark realism has been injected into the four day Army national survival exercise at the Pinawa Dam site, 80 miles northeast of Winnipeg. Taking part in the training named Exercise Mantrap are some 300 soldiers of the Camp Shilo Mobile Support Column.

Providing authenticity is the use of a small source of radioactive material, monitoring equipment and skillfully made-up simulated casualties buried beneath debris.

The exercise, designed to train personnel in survival skills and directed by Col. J. Arthur Perron, Commander of Camp Shilo, began Wednesday after a 214 mile drive to the Pinawa area. On arrival a radiation and monitoring platoon were ordered into the location, designated for exercise purposes as a disaster area after receiving heavy nuclear damage, to determine the patterns of radioactive fallout. Using gamma survey meters, the teams located and signed affected areas as to where work could be carried out with little risk and where entry was restricted to those involved in saving lives or other extreme circumstances. Rescue groups were dropped from vehicles and marched three miles to the location.

Elements of all units at Camp Shilo are taking part with the major group from the Royal Canadian School of Artillery. The column, commanded by Maj. Ernest Hipwell, is composed of rescue companies, a radiation and monitoring platoon, and sections of engineers, medical personnel, military police and signallers.

The training is the first national survival field exercise held in Manitoba since the Army became directly responsible on Sept. 1st for a number of civil defence tasks requiring trained and disciplined forces.

Eight gunners acting as simulated casualties are perhaps receiving the most attention accorded them since enlistment. Their task is to lie quietly buried beneath debris, on rooftops and in other awkward locations inside long-vacated buildings, which formerly housed the power site's permanent staff, and await discovery by rescue groups. When lo-

cated the mock casualties present a startling picture to the rescue groups. By the skilful hands of a makeup artist, Sgt. John Bland of Winnipeg, the gunners have been transformed into men suffering from radiation blast flash burns, lost eyes, shock and weird-looking head lacerations. For rescuers, the casualties also have a variety of mock fractures of limbs and back.

The immediate work of rescuers is to administer first aid then with ladders, ropes and stretchers to evacuate them to an ambulance section for delivery to a casualty collection post. A medical officer and assistants then carry out further treatment.

An engineer section, using the Pinawa channel as a source, has set up a water supply point and decontamination centre for the exercise. With three collapsible rubber storage tanks, holding 3,000 U.S. gallons each, they pump 50 gallons of water a minute, put it through a clarification and purification process and test for radiation before declaring it for safe drinking purposes.

Among detection instruments being used are radiation contamination computers for determining the extent of radiation present on personnel and two types of dosimeters which react to radiation—one a pencil-type instrument carried in the pocket and the other a disc worn on a chain around the neck.

A visitor to observe training

was Brig. John Pangman who recently became Commander of Manitoba Area. Assessing the effectiveness of training and success of the exercise is a group of umpires commanded by Maj. Frank Battershill of Winnipeg. A signals section is maintaining constant communications with Camp Shilo, 160 air-miles away, using an Army wireless set operated from the rear of a signal truck.



A MOBILE RESCUE GROUP with ropes, ladders, stretchers and other equipment await orders to move into a "devastated" area on "Exercise Mantrap" being held at the Pinawa Dam, 80 miles northeast of Winnipeg. The exercise is designed to train the soldiers in survival skills.



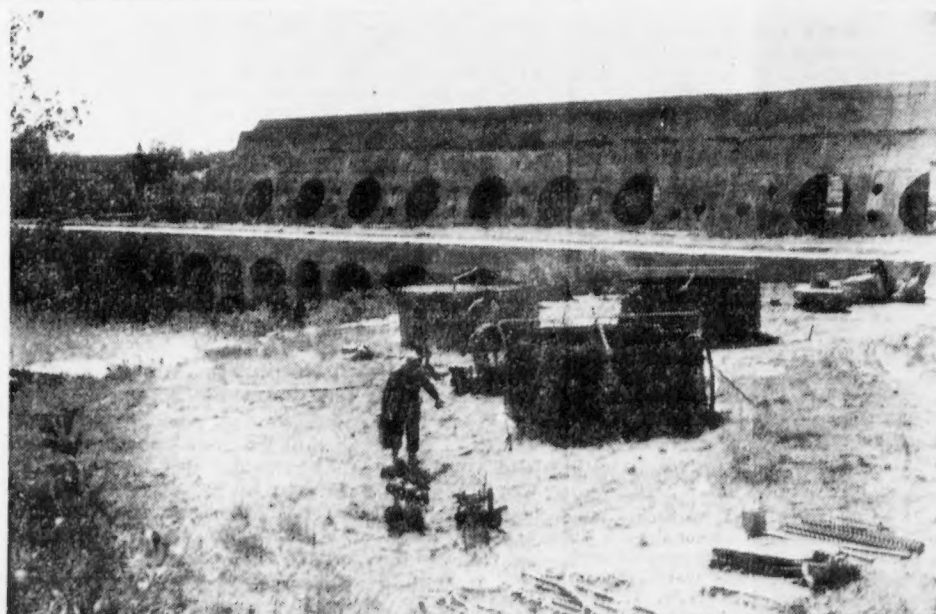
RESCUERS MOVE debris from a simulated casualty during the Army's national survival exercise at Pinawa, 80 miles northeast of Winnipeg. The casualties, suffering from mock fractures and other injuries, were given first aid and evacuated by rescue groups from rooftops, basements and other locations as part of the survival skills training.



FIRMLY LASHED to a stretcher, a mock casualty is slowly lowered from a second storey window after receiving first aid during the Army's national survival exercise at Pinawa, 80 miles northeast of Winnipeg. The soldiers from Camp Shilo are being trained in survival skills.



FIRMLY LASHED to a stretcher, a mock casualty is evacuated through a basement window during the Army's national survival exercise at Pinawa, 80 miles northeast of Winnipeg. Taking part in the survival skills training were soldiers from Camp Shilo.



ARMY ENGINEERS have set up a water supply point and decontamination centre at the Pinawa Dam, 80 miles northeast of Winnipeg, for a national survival exercise which began recently. The water is pumped into collapsible rubber storage tanks after a clarification and purification process and testing for radiation.

MILK

Milk should be given to children to the amount of at least one pint a day, up to the age of 12; the teenager needs at least one and a half pints. It is better to give milk as a drink towards the end of a meal. If it forms part of a between-meals-snack, it should be taken not less than an hour before the next meal. The nutrients supplied by milk are not destroyed by cooking, so part of the daily allowance can be used in soups or desserts.

GROSS NATIONAL PRODUCT

In the 1949-1958 period Canada's Gross National Product increased by 97 percent; in the same years total government spending increased by 156 percent.

In the last ten years the per capita cost of government in Canada increased from \$276 to \$560.

—National Defence photos

Crude oil production increased in July

Crude oil production increased slightly during July largely because of the 31-day month, although the average daily production was greater in July than in June, Hon. C. H. Whitney, minister of mines and natural resources, said.

Crude oil production for July stood at 438,371 barrels compared to 422,351 barrels for June. Average daily production for July was

14,141 barrels compared to 14,078 barrels a day in June.

Three new wells were brought in during July and only one was abandoned leaving 888 wells capable of production at the end of July. There were 771 wells actually producing.

The province's cumulative crude oil production at the end of July stood at 27,743,958 barrels.

Scientists say the average normal person moves from 35 to 60 times during a night's sleep.

Woman's Way



MADELINE
LEVASON

BEAUTY AND THE FARM

Farming and the cosmetic business may seem far apart, but one Canadian woman has made a success of both.

Elizabeth Arden whose name is synonymous with feminine beauty, is an active farmer as well as the head of an international beauty business.

Born on a farm at Woodbridge, Ont., she first took training as a nurse. This began an interest in health and beauty that eventually led to the creation of the huge cosmetic industry. Along the road to this success however, she never lost her love of the farm.

Early in her business career, Miss Arden bought a farm in Maine where she began raising purebred cattle and horses. She named the place "Maine Chance" and later, when her racing stable also became famous, she moved the name to a new location in the Blue Grass country of Kentucky.

No absentee owner, Miss Arden is out at 6.00 a.m. to check up on things before going to the New York headquarters of her cosmetic empire. A lover of all beautiful things she is also a dedicated gardener and a number of flowers have been named after her.

These interests do not seem so widely separated when one hears her simple philosophy. "Beauty begins within. Its foundations are good health and a peaceful mind."

After all, someone else once said: "As a work of art I know few things more pleasing to the eye or affording more gratification to a taste for the beautiful than a well-situated, well-cultivated farm."

The professor was disturbed over the poor marks his class had made in the recent examination. Calling several pupils to his desk, he asked the first: "Mr. Howard, why didn't you prepare for your exam?"

"I was holding hands with a girl last night, sir," replied the student.

"You are suspended for two days," snapped the professor. "And Mr. Adams: 'Why didn't you study for your exam?'"

"I sir, was playing post office all of last night."

"Suspended for one week," said the prof. "And—here, Mr. Brown, where are you going?"

"So long, Professor," said Brown. "See you next term."

* * *

A spendthrift is a man who manages to be pound-wise without being penny-wise.

Fish are able to live at the greatest known depths of the ocean.

How To Hold FALSE TEETH More Firmly in Place

Do your false teeth annoy and embarrass when you eat, laugh or talk? Just sprinkle a little FASTEETH on your plates. This alkaline (non-acid) powder holds false teeth more firmly and more comfortably. No gummy, gooey, pasty taste or feeling. Does not sour. Checks "plate odor" (denture breath). Get FASTEETH today at any drug counter.

**LONG
DISTANCE
IS *Cheaper*
THAN YOU
THINK
... use it
often**



"Every creature of God is good, and nothing to be refused, if it be received with thanksgiving." 1 Tim. iv. 4

Thanksgiving

Thanksgiving Day is a day set apart for a public celebration of divine goodness; specifically, an annual festival appointed by proclamation, and held usually on the second Monday in October in Canada.

In United States Thanksgiving Day is a national holiday commemorating the harvest reaped by the Plymouth Colony in 1621, after a winter of great starvation and privation. In 1621 Governor William Bradford proclaimed a day of thanksgiving and the feast was shared by all the colonists and the neighbouring Indians. Although similar observances were held locally, they were sporadic and at no set time. The first national Thanksgiving Day, proclaimed by Washington, was not until November 26, 1789. Lincoln, urged by Mrs. Sarah J. Hale, revived the custom in 1863, appointing as the date the last Thursday of November, thus stabilizing the month.

Thanksgiving Day is observed by church services and family reunions; the customary turkey is a reminder of the four wild turkeys served at the Pilgrim's first thanksgiving feast.

Tenderloin birds

1½ pounds pork tenderloin
Prepared mustard
2 cups bread stuffing
4 slices side bacon
1 cup thin cream
1½ teaspoons lemon juice
Salt, pepper, paprika

Cut tenderloin into 3-inch pieces. "French" (flatten) to ½-inch thickness. Spread one side of each slice with a thin coating of prepared mustard then with ¼ cup of the bread stuffing. Roll and skewer. Cover each roll with a half

slice of side bacon. Makes 8 birds.

Add lemon juice, salt, pepper and paprika to cream. Pour over rolls in shallow baking dish. Bake at 325 deg. F. until tender, about 1 hour.

Note: If desired omit cream, lemon juice, salt and paprika, and bake the birds in 1 can cream of celery soup diluted with ½ cup milk. Season with ½ bay leaf and ½ teaspoon pepper but do not add any salt as there is sufficient in the soup.

QUICK CASH—USE WANT ADS

Versatile!

If you bake at home, here's a delightful orange bread to butter or toast or make into exciting sandwiches. Make it with Fleischmann's Active Dry Yeast. It's the best!



Rich Orange Bread

1. Measure into large bowl
½ cup lukewarm water

Stir in
2 teaspoons granulated sugar

Sprinkle with contents of
2 envelopes
Fleischmann's
Active Dry Yeast

Let stand 10 minutes, THEN stir well.

Stir in
2 well-beaten eggs
½ cup granulated sugar
2 teaspoons salt
¼ cup soft butter or margarine
2 tablespoons grated orange rind
1 cup orange juice

2½ cups once-sifted all-purpose flour and beat until smooth and elastic. Work in additional 2½ cups (about) once-sifted all-purpose flour

2. Turn out on floured board and knead until smooth and elastic. Place in greased bowl. Grease top. Cover. Let rise in a warm place, free from draft, until doubled in bulk—about 1½ hours.

3. Punch down dough. Turn out on lightly-floured board and knead until smooth. Halve the dough; shape into loaves. Place in greased loaf pans (8½ x 4½ inches, top inside measure). Cover. Let rise until doubled in bulk—about 1 hour. Bake in a hot oven, 400°, about 35 minutes. Yield—2 loaves.



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- For each person who reaches the age of 18 years before January 1, 1960 \$17.50 (except unmarried dependents under 21 years before January 1, 1960, who are attending educational institutions or training at a school or nursing, and sons and daughters dependent on parents for maintenance by reason of physical or mental infirmity)
- Dependents who will not reach the age of 18 years before January 1, 1960, are not taxable.
- Dependents who are exempt from taxation must be shown as beneficiaries on family hospital services cards.
- The family tax for a family head, his spouse and his non-taxable dependents is \$35.00

If your tax is more than \$17.50 you may pay that amount as a first instalment by November 30, 1959—and the balance by May 31, 1960.

PAY AT THE SHSP TAX COLLECTION OFFICE OF THE CITY, TOWN, VILLAGE, RURAL MUNICIPALITY OR LOCAL IMPROVEMENT DISTRICT IN WHICH YOU LIVE.

**SASKATCHEWAN
HOSPITAL SERVICES PLAN**

CARBON NOTES

Continued from front page

Mr. and Mrs. Glenn Johnson visited at the home of Mr. and Mrs. Vincent Maruze while in Calgary on Thursday.

MEETINGS AT GRACE E.U.B. CHURCH, BEISEKER

A series of gospel services will be conducted in Grace Evangelical United Brethren Church Sunday November 8th

through Friday November 13th. The speaker for these services is Rev. H. F. Reinhardt. The time of the services is 10:30 a. m. and 7:30 p.m. on Sunday and 8:00 p.m. Monday through Friday.

Rev. Reinhardt was for several years the pastor of Killarney Evangelical United Brethren Church in Calgary where he had a very successful ministry. This ministry he gave up

to answer the call of the mission field of India. He has been appointed by the World Gospel Mission as instructor in the South India Bible Seminary and is with his family now preparing to go. Rev. Reinhardt will be assisted in these services by his wife Evelyn who with her beautiful voice will thrill your soul as she sings redemption's story. Plan now to be in every service. All are invited.

ACME

A fire possibly caused by defective wiring did considerable damage to house and furniture belonging to Mr. and Mrs. Mingo on the Murray Brown farm Thursday before it was extinguished.

Following are new phones in the Hamlet of Linden on the

Acme exchange: R1409 Walter Baerg, 1410 Abe C. Toews, 1411 John W. Toews, 1412 Linden School, 1413 Herman Toews.

The Mission Band is collecting old and broken toys, also parts of toys for the Calgary Firemen to repair for needy children at Christmas. Please leave your contribution at the United Church or at Collinge's Store by Nov. 15.

fresh point of VIEW...from Pontiac!

Another fresh one from Pontiac!

The inspired beauty of perfect proportion!

The softer ride of supple suspension!

The extra safety of flawless control!

The quiet comfort of near-perfect acoustics!

The fiery performance of vigorous engines!

Trust Pontiac's creative car builders to come up with another fresh original for 1960! So fresh, they've established a new point of view in automotive value.

With clean, graceful lines they've composed a delightful rightness of form with unity and rhythm.

To complement the softer ride of the improved supple suspension, they've added the extra safety of flawless control. Then they banished virtually all driving noises with a more skillful, calculated application of sound soaking insulation. This is a car with near perfect acoustics.

Whatever power plant you choose... it's typically Pontiac... choice of restless, ground-gaining V8s or a frugal economy 6-cylinder engine that prefers regular grade gasoline.

Haven't you been an admiring spectator of Pontiac long enough? This is your year to become a participant in Pontiac pleasure, where for 1960, the enjoyment is the fullest, where the point of view is the freshest.

BIG COIL SPRINGS ON ALL FOUR WHEELS provide a really controlled, comfortable ride. Easy spring rates, which differ front and back, provide greater stability, smooth out the roughest roads... give you extra pleasure in every mile.



The 1960 Parisienne Convertible, top

The Parisienne Vista Sportsedan, bottom

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